

2009

Injury-related Hospital Discharges Massachusetts Children, Ages 1-14 Years

There were **2,056** injury-related hospital discharges among Massachusetts children between the ages of 1-14 in FY2009, approximately **187** for every 100,000 children. Falls were the leading cause of injury-related hospitalization for this age group, followed by struck by/against an object.

INJURY CAUSE	INJURY INTENT					Total Count	Percent of Total Count	Crude Rate per 100,000
	Unintentional	Intentional		Undetermined	Other & Legal			
		Self-inflicted	Assault					
Cut/pierce	45	12	<7	0	0	61	3.0	5.5
Drowning/submersion	14	0	0	0		14	0.7	1.3
Fall	713	0	0	0		713	34.7	64.9
Fire/flame & hot substance burn	25	0	<7	<7		27	1.3	2.5
Firearms	<7	0	<7	<7	0	<7	0.3	--
Machinery	<7					<7	0.2	--
Natural/environmental	105	0		<7		106	5.2	9.6
<i>Dog bites</i>	34	0		0		34	1.7	3.1
<i>Other bites & stings</i>	57	0		0		57	2.8	5.2
<i>All other (e.g. extreme cold)</i>	14	0		<7		15	0.7	1.4
Overexertion	21					21	1.0	1.9
Poisoning	151	40	<7	<7	0	194	9.4	17.6
Struck by, against	191	0	10	0	0	201	9.8	18.3
Suffocation/hanging	22	<7	0	0		24	1.2	2.2
Transport Injuries:	323	0	0	0	0	323	15.7	29.4
<i>Motor vehicle traffic-related</i>	169					169	8.2	15.4
<i>Occupant</i>	61					61	3.0	5.5
<i>Motorcyclist</i>	<7					<7	0.2	--
<i>Pedal cyclist</i>	27					27	1.3	2.5
<i>Pedestrian</i>	73					73	3.6	6.6
<i>Other person</i>	<7					<7	0.1	--
<i>Unspecified person</i>	0					0	0.0	0.0
<i>Pedal cyclist, other</i>	102					102	5.0	9.3
<i>Pedestrian, other</i>	<7					<7	0.2	--
<i>Other transport</i>	47					47	2.3	4.3
Other specified & classifiable	136	0	13	<7	0	150	7.3	13.6
Other specified, not classifiable	41	8	9	<7	<7	65	3.2	5.9
Unspecified	60	0	<7	<7	0	66	3.2	6.0
Adverse Effects						41	2.0	3.7
No cause or intent provided						39	1.9	3.5
TOTALS	1,854	62	42	16	<7	2,056	100.0	187.0
Injury Hospitalization Rate by Intent	168.6	5.6	3.8	1.5	--	n/a	n/a	n/a

Source: MA Hospital Discharge Database, MA Division of Health Care, Finance and Policy.

—Analysis is based on a fiscal year (Oct 1- Sep 30).

—Rates are per 100,000 residents. Rates are not calculated on counts of less than five, and those based on counts less than twenty may be unstable.

—Categories and groupings are based on a modified version of the CDC's "Recommended framework of E-code groupings for presenting injury mortality and morbidity data" based on ICD-9 codes. This framework does not provide for intentionality for certain cause categories as indicated by gray shading. Injury subcategories are italicized and counts are excluded from the overall totals.

—Population data used to calculate rates are based on 2009 population estimates by the US Census Bureau. Estimated 2009 Massachusetts population is 6,593,587. Rates are per 100,000 residents.

—Questions regarding the data presented here can be directed to the Injury Surveillance Program, MA Dept. of Public Health (617) 624-5648.

Data prepared by the Injury Surveillance Program, Bureau of Health Information, Statistics, Research and Evaluation, Massachusetts Department of Public Health, March 2011